Proposed Item for Biobased Designation

The following biobased product information has been collected to support item designation by USDA for the Federal Biobased Product Preferred Procurement Program (FB4P). This summary reflects data available as of July 25, 2006.

Title: Adhesive/Mastic Removers

Description: Solvents and cleaners used in the removal of asbestos, carpet, and ceramic tile mastics as well as tape, gum, and other adhesives from various sources.

Manufacturers Identified: 11 manufacturers producing Adhesive/Mastic Removers have been identified through internet searches, manufacturer's directories, trade associations, and company submissions.

Industry Associations Investigated: The following industry associations have been investigated for member companies producing Adhesive/Mastic Removers:

- Association of the Wall and Ceiling Industry
- Biobased Manufacturers Association
- United Soybean Board
- Solvents Industry Association
- American Solvents Council
- Adhesive and Sealants Council

Commercially Available Products Identified: Of the manufacturers identified, 13 Adhesive/Mastic Removers are commercially available on the market.

Product Information Collected: Specific product information including company contact, intended use, biobased content, and performance characteristics have been collected on 6 Adhesive/Mastic Removers.

Industry Performance Standards: Product information submitted by biobased manufacturers indicate that have typically been tested to the following industry standards:

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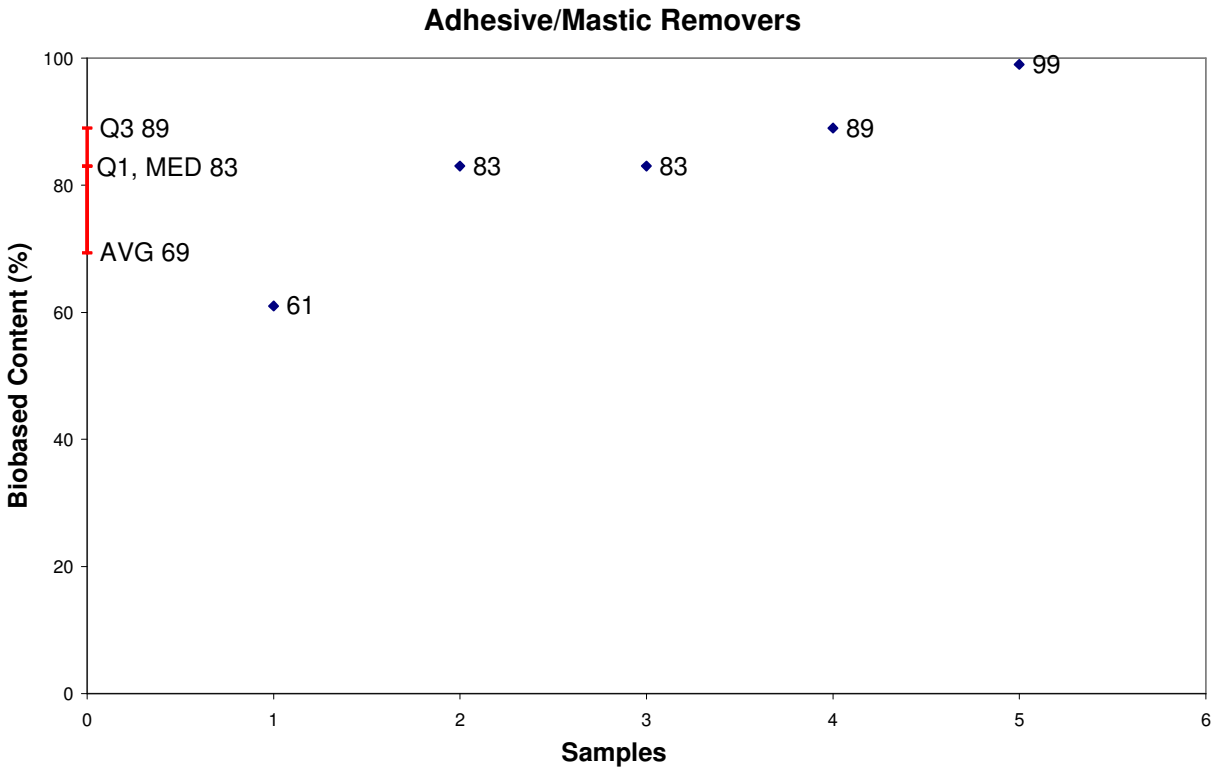
Samples Tested for Biobased Content: 5 samples of Adhesive/Mastic Removers have been submitted to independent laboratories for biobased content testing as specified by ASTM standard D6866-04.

Biobased Content Data: Results from biobased content testing of Adhesive/Mastic Removers indicate a range of content percentages from 61% minimum to 99% maximum biobased content as defined by ASTM D 6866-04. A detailed distribution of biobased content levels is included as Appendix A.

Products Submitted for BEES Analysis: Life-cycle cost and environmental effect data for 2 Adhesive/Mastic Removers have been submitted to NIST for BEES analysis.

BEES Analysis: The life-cycle costs of the submitted Adhesive/Mastic Removers range from $15.99 minimum to $17.66 maximum per usage unit. The environmental scores range from 0.0257 minimum to 0.0625 maximum. A detailed summary of the BEES results is included as Appendix B.

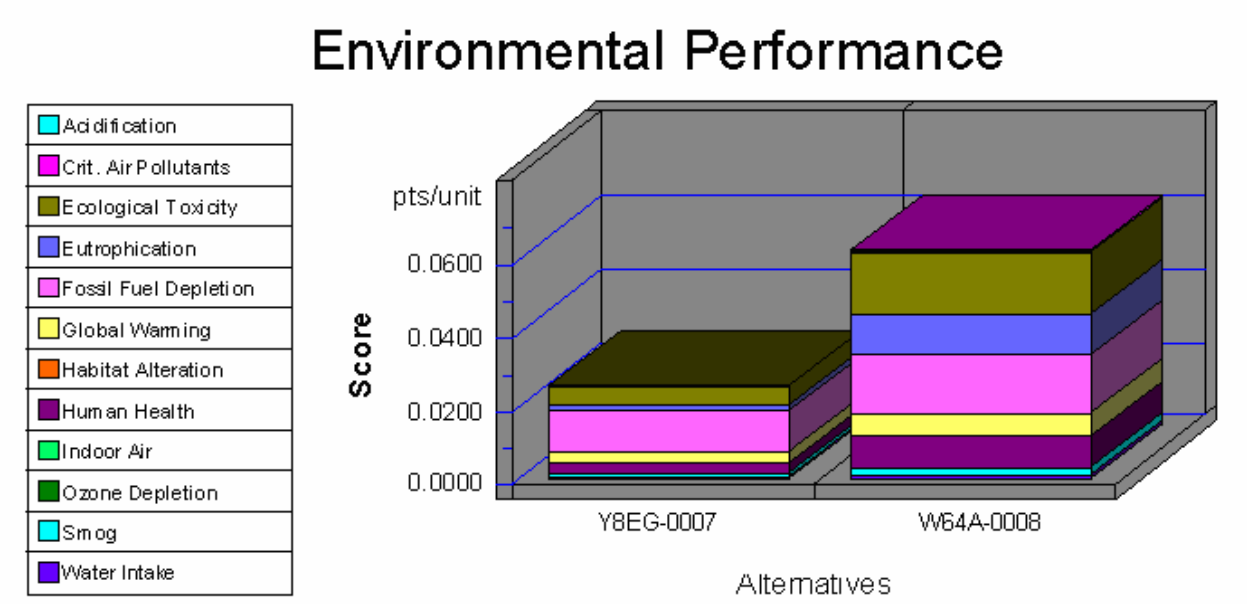
Appendix A - Biobased Content Data



	Manufacturers Identified	Products Identified	C14	BEES
1	J3TP	J3TP-0002	61	
2	Y8EG	Y8EG-0007	83	results
3	YJ3R	YJ3R-0001	83	
4	W64A	W64A-0005	89	
5	W64A	W64A-0008	99	results

Appendix B - BEES Analysis Results

Functional Unit: One gallon

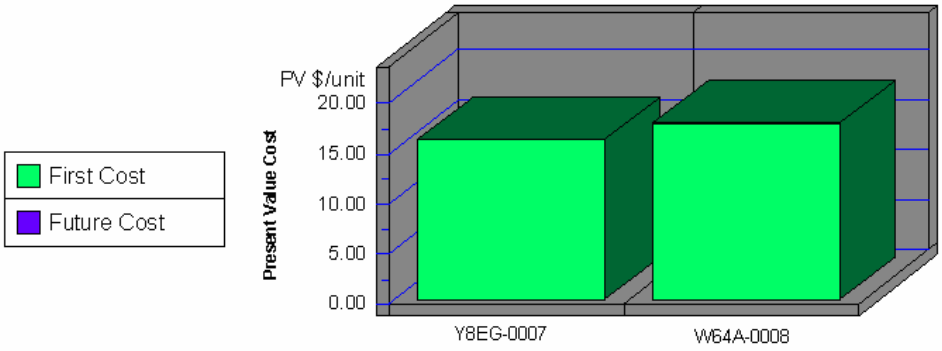


Note: Lower values are better

Category	Y8EG-0007	W64A-0008
Acidification–5%	0.0000	0.0000
Crit. Air Pollutants–6%	0.0002	0.0007
Ecolog. Toxicity–11%	0.0052	0.0170
Eutrophication–5%	0.0015	0.0111
Fossil Fuel Depl.–5%	0.0110	0.0157
Global Warming–16%	0.0035	0.0062
Habitat Alteration–16%	0.0000	0.0000
Human Health–11%	0.0025	0.0085
Indoor Air–11%	0.0000	0.0000
Ozone Depletion–5%	0.0000	0.0000
Smog–6%	0.0011	0.0019
Water Intake–3%	0.0007	0.0014
Sum	0.0257	0.0625

Appendix B (continued)

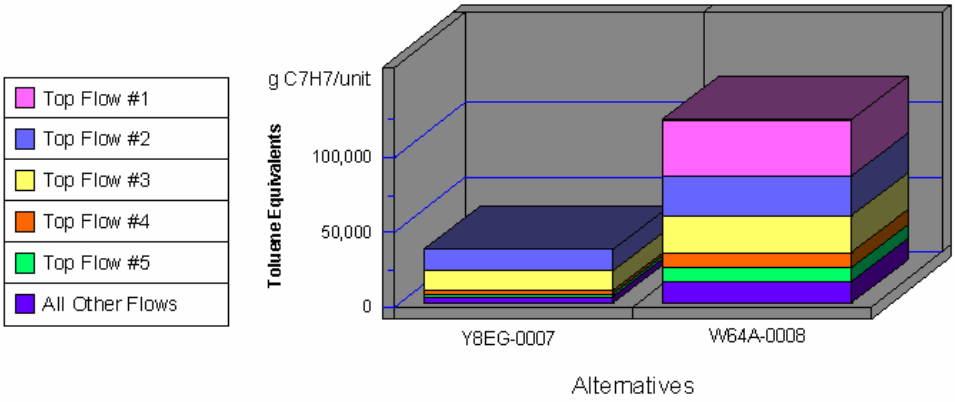
Economic Performance



Category	Y8EG-0007	W64A-0008
First Cost	15.99	17.66
Future Cost– 3.9%	0.00	0.00
Sum	15.99	17.66

*No significant/quantifiable performance or durability differences were identified among competing alternatives. Therefore, future costs were not calculated.

Human Health by Sorted Flows*



Note: Lower values are better

Category	Y8EG-0007	W64A-0008
Cancer–(a) Atrazine (C8H14ClN5	0.00	37,769.00
Cancer--(w) Arsenic (As3+, As5+	14,508.41	26,504.09
Cancer–(w) Phenol (C6H5OH)	13,149.52	24,374.72
Cancer–(a) Arsenic (As)	1,657.78	9,932.72
Cancer–(a) Dioxins (unspecifie	1,929.95	8,845.60
All Others	4,645.08	15,192.58
Sum	35,890.74	122,618.70

*Sorted by five topmost flows for worst-scoring product